8EHQ-0403-152113

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March 18, 2003

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SANITIZED - NON-CBI

TSCA Document Processing Center
U. S. Environmental Protection Agency
Office of Pollution Prevention and Toxics (7407M)
EPA East Building, Room 6428
1200 Pennsylvania Ave., NW
Washington, DC 20460

Attention:

[

TSCA 8(e) Submittal

REFERENCE: 8EHQ-02-15211



[] is submitting this supplemental information pursuant to Section 8(e) of the Toxic Substances Control Act (TSCA). This submission supplements an earlier submission (8EHQ-02-15211) for [

] This material has been tested under the name

A modified female rat pubertal assay and a male rat Hershberger assay were conducted with a [].

In the Hershberger assay, castrated male rats (N = 10/group) received ten daily doses of 0 (vehicle, corn oil, 5 mL/kg), 150, or 500 mg/kg/day of [] by oral gavage, beginning at 50 days of age. Half of the groups also received a daily subcutaneous injection of testosterone propionate (0.4 mg/kg/day). Daily body weights were recorded. At 60 days of age, all males were euthanized, and weights of the following were recorded: liver, Cowper's gland, glans penis, levitor ani/bulbocavernosus muscles, seminal vesicles with coagulating glands, and ventral prostate.

In the female pubertal assay, female rats 22 days of age (N = 15/group) received 20 daily doses of [] at levels of 0 (vehicle, corn oil, 5 mL/kg), 50, 150, and 500 mg/kg/day by oral gavage. Daily body weights were recorded. Beginning at 25



days of age, each female was observed daily for vaginal perforation. Vaginal smears for determination of estrus were performed daily upon the completion of vaginal perforation. At 42 days of age, all females were euthanized, and weights of the following were recorded: liver, ovaries, wet and blotted uterus, pituitary gland, adrenal glands.

Unaudited draft results for each of the assays are attached. In the male assay, co-administration of [] at 500 mg/kg/day with testosterone propionate resulted in a decrease in the weight of the seminal vesicles/coagulating glands. Liver weights were significantly increased in this group as well. In the female assay, administration of 500 mg/kg/day of [] resulted in an apparent acceleration of vaginal perforation, a decrease in uterine blotted and wet weights, decreased weight of the combined ovaries, and increased liver weight.

Additional male and female assays will be conducted with []. When all such assays are completed, we will report any further positive findings.

We consider this letter to be "Confidential Business Information" (CBI); therefore, we are also enclosing a "sanitized" (non-CBI) version and CBI Substantiation Questions.

If you have any questions, please contact me at [
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Sincerely,

Signature removed

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Attachments (2)

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108-3 90/20 8 168-1 HERSHBERGER ASSAY

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